

W9RH

THE MILWAUKEE RADIO AMATEURS CLUB INC.

PARTS AND COST LIST FOR THE W.E.R.S. UNIT

Unit--1-----Oscillator-----	\$3.90
Unit--2-----Modulator-----	8.36
Unit--3-----Receiver-----	8.56
Unit--4-----Rec. Power Supply ----	6.44
Unit--5-----Trans. Power Supply--	14.76
	<u>\$ 42.02</u>
Unit--6-----Cabinet Antenna,	
Speaker and Misc. -----	7.50
TOTAL -----	<u>\$ 49.52</u>

# THE MILWAUKEE RADIO AMATEURS CLUB INC.

## Parts and cost list for the W.E.R.S. (Oscillator)

Unit-Nr.-1-

-1-	616 tube	\$1.05
-1-	3" x 5" Chassis pan	.40
-2-	Feed thru insulators (22¢ Each)	.44
-1-	Octal socket (Steatite)	.24
-1-	Male 6 prong plug (Sub. could be tube bases)	.16
-1-	Blocking condenser .001 to .00025 - (1000 volt mica)	.20
-1-	Grid resistor 75,000 ohms (1-watt)	.12
-3-	Small stand off insulators (10¢ each)	.30
-1-	By pass condenser .001 (600 volt rating)	.25
-1-	By pass condenser .00025 (600 volt rating)	.15
-1-	R.F. Choke--Home made--(15 to 18 turns on 1/4 inch dowel)	.05
-1-	50 Mfd. variable tuning condenser (NOT AVAILABLE) must be made from collected old BRASS condenser plates (Large size)	.50
-1-	Hookup wire	.05
-2-	Cables to connect receiver and transmitter with power units at (75¢ each)	1.50
-1-	Piece metal for cover 5 1/2" x 5 1/2" (10 gage)	Donated
-1-	Piece metal for - 6" x 2"	"
-1-	Loudspeaker magnetic 6 or 8 inch	0
-1-	Wooden Cabinet and lock (Donated) sold by KRAC for	0
-1-	Whip Auto antenna small about 30" or metal rod	0
-1-	Lead in wire and Antenna (1/2" metal rod or conduit (Approx. 4' long)	0

\$3.90

Unit-Nr.-6-  
Misc.



Parts and cost list for the W.E.R.S. (Modulator)  
Unit-Wr-2.

1	616 tube		\$1.05
1	605 tube		.58
1	Chassis pan		.15
1	Modulation transformer 75 mil. choke impedance 6000 ohms		1.20
1	Mike transformer		.90
1	8 Mfd. 450 volt condenser		.45
1	Jack for mike (Not Available)	Junk box	.24
2	Octal sockets mud type (8¢ each)		.16
1	.1 Mfd. condenser		.15
1	.01 coup. condenser (600 Volt)		.12
1	100,000 ohm resistor 1-watt type		.12
1	500,000 " " "		.12
1	50,000 " " "		.12
1	350 ohm 10-watt variable		.45
2	10 Mfd. condensers (25-volt) (24¢ each)		.48
1	Male 6-prong plug		.15
2	S. P. S. T. switch (36¢ each)		.72
2	Terminal mounting strips 6¢ each		.12
1	6-prong socket mud		.08
	6/32 screws and nuts	Approx. cost	.15
	Hookup wire		.25
1	Single circuit jack (Not available)	Junk Box	.27
1	Two circuit jack (Not available)	Junk Box	.27
	Total		\$8.36



# THE MILWAUKEE RADIO AMATEURS CLUB INC.

## Parts and cost list for the W.E.R.S. (Receiver)

Unit -Dr-3-

-1-	6V6 or 6F6 tube	.58
-2-	37 tubes 45¢ Each	.90
-1-	Chassis pan	.15
-1-	Output transformer 6000 ohms impedance	1.02
-1-	Choke audio (Primary of output transformer or small audio	1.02
-1-	S. P. S. T. switch	.36
-1-	250,000 -1 meg. volume control (model C or 13 taper)	.90
-3-	Mounting strips (6¢ each)	.18
-1-	Octal socket -mud type	.08
-1-	4-prong socket -mud type	.07
-2-	5-prong sockets -mud type (7¢ each)	.14
-1-	6-prong male plug	.15
-1-	Antenna binding post	.15
-1-	Knob for volume control	.06
-1-	Phone jack (Closed circuit) (NOT AVAILABLE)	.24
-2-	Grommets	.03
-2-	.01 condenser 600 volt rating (12¢ each)	.24
-1-	350 to 500 ohm (1 watt) resistor	.12
-1-	10 Mfd. 25 volt condenser	.24
-2-	.002 Mfd. mica condensers (36¢ each)	.72
-1-	.00005 Mfd. mica condenser	.15
-1-	10,000 ohm (1/2 watt) resistor	.10
-1-	1 meg. (1/2 watt) resistor	.10
-1-	2000 ohm (1/2 watt) resistor	.10
-2-	3 to 30 trimming condenser (15¢ each)	.30
-1-	.1 Mfd. condenser (400 volt)	.18
-1-	9 colors of wire	.25
-1-	Off and On plates	.03
-1-	4" x 5" metal plate	Donated
-1-	Mounting strip 2" x 7"	Donated
Total		\$8.56



# THE MILWAUKEE RADIO AMATEURS CLUB INC.

Unit -Mr-4-

## Parts and cost list for the W.E.R.S.

(Power Supply for receiver)

-1-	70-Mill power transformer 250-volts each side and filament of 6.3-volts and 5-volts	\$3.00
-1-	70-Mill choke -15-henrys	1.26
-2-	8 Mfd. condensers 450 volts test (each 45¢)	.90
-1-	70,000 ohm -1-watt bleeder	.12
-1-	.01 by pass condenser 600 volt type	.12
-1-	Socket 4-prong	.07
-1-	6-prong socket	.07
-1-	Mounting strip -4 lugs	.05
-1-	Mounting strip -2 lugs -for AC supply	.03
-1-	Grommet	.02
-1-	Hookup wire	.27
-1-	80 tube	.38
-1-	Chassis pan	.15
Total --		\$6.44

## Parts and cost list for the W.E.R.S. (Power Supply for Transmitter)

Unit -Mr-5-

-1-	150-Mill power transformer 450 volts and filament of 6.3 volts	\$5.37
-2-	30 Henry Choke -150 mills	\$2.16 each
-3-	8 Mfd. 600 volt wet filter condensers	Each \$1.08
-1-	5Z3 Rectifier tube	.58
-1-	Socket 4-prong	.07
-1-	.01 Mfd. 600 volt condenser	.12
-1-	75,000 ohm -5 watt resistor	Bleeder .27
-1-	6-prong female socket	.07
-1-	6-prong male socket	.15
-1-	Chassis base	.15
-1-	Grommet	.02
-1-	Hookup wire heavy	.40
Total		\$14.76